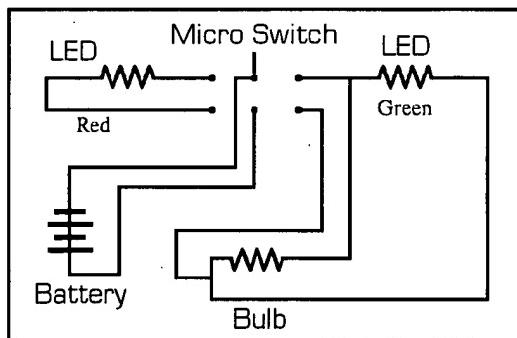


## Electrical Circuitry

# Drawings

Figure  
I - F

Figure  
I - A



## Electrical Specifications

|                              |   |
|------------------------------|---|
| Battery                      | 3 volts   |
| Green LED                    | Forward voltage 2.1 volts<br>Luminous intensity 6.3 mcd<br>Power dissipation 75 mW<br>Forward current 25 ma |
| Red LED                      | Forward voltage 2.0 volts<br>Luminous intensity 6.3 mcd<br>Power dissipation 60 mW<br>Forward current 20 ma |
| Bulb<br>(incandescent)       | 2.33 volts<br>0.27 amp  |
| Micro Switch<br>(center off) | DPDT contacts rated 6A<br>at 125 VAC  |

Top View

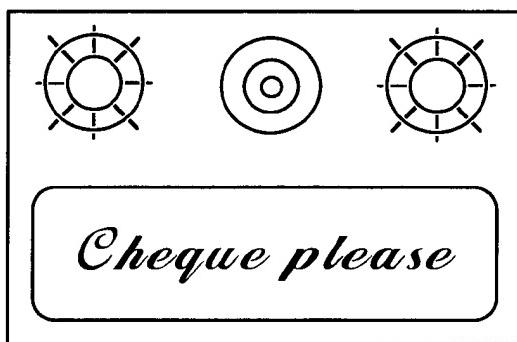


Figure  
I - B

Front View

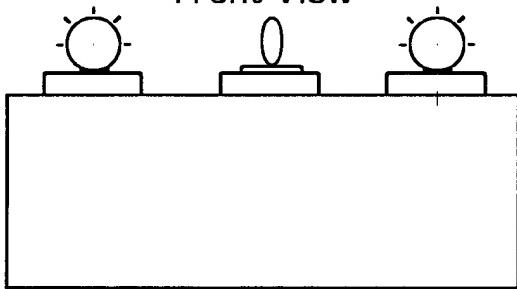


Figure  
I - C

Side View

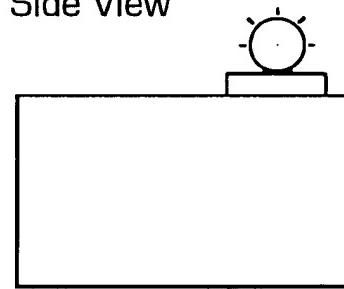


Figure  
I - D

Three Dimensional View

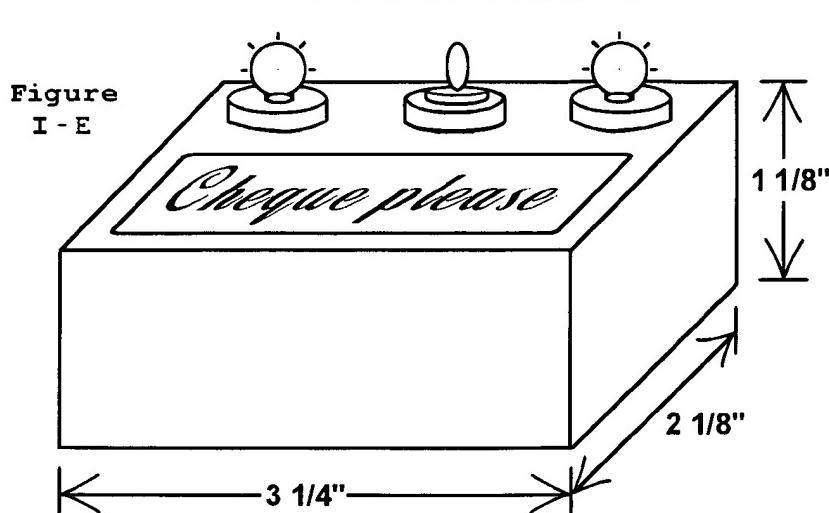


Figure  
I - E

Figure  
I - G

|  |  |  |                                       |
|--|--|--|---------------------------------------|
|  |  |  | LED                                   |
|  |  |  | Micro<br>Switch                       |
|  |  |  | Battery                               |
|  |  |  | Resistance<br>LED or Bulb<br>(Lights) |

Figure I